INTERNATIONAL SEARCH REPORT

International Application No/US 03/11701

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F9/45

C. DOCUMENTS CONSIDERED TO BE RELEVANT

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category °

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 GO6F HO4L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

| X | REUVEN M. LERNER: "At the Forgont Introducing SOAP" LINUX JOURNAL, vol. 2001, no. 83, March 2001 (1) XP002292162 SEATTLE, WA, USA | 11-17, 23-28, | | |
|--|---|--|---|--|
| Y | the whole document | 70,71 6-10, 18-22, 29-33, 41-45, 52-56, 65-69 | | |
| | | -/ | | |
| X Furth | her documents are listed in the continuation of box C. | χ Patent family members are listed in annex. | | |
| "A" docume consid | ent defining the general state of the art which is not lered to be of particular relevance | *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | | |
| filing d | ent which may throw doubts on priority, claim(s) or | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | | |
| which citation "O" docume other r | is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled | | |
| "P" docume later th | ent published prior to the international filing date but nan the priority date claimed | in the art. "&" document member of the same patent family | | |
| Date of the | actual completion of the international search | Date of mailing of the international search report | | |
| 1: | 2 August 2004 | 13/10/2004 | | |
| Name and n | nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk | Authorized officer | | |
| | Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Wierzejewski, P | 1 | |

INTERNATIONAL SEARCH REPORT

International Application No

| · | ation) DOCUMENTS CONSIDERED TO BE RELEVANT | |
|------------|---|--|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | "Mutiple Method Calls in SOAP Packet" SOAP ARCHIVES, 'Online! 27 December 1999 (1999-12-27), XP002292163 SOAP Archives Retrieved from the Internet: URL:http://discuss.develop.com/archives/wa .exe?A2=ind9912&L=soap&T=0&F=&S=&P=25113> 'retrieved on 2004-08-10! the whole document | 1-5,13, 16,17, 24-28, 36,39, 40, 47-51, 60,63,64 6-12,14, 15, 18-23, 29-35, 37,38, 41-46, 52-59, 61,62, 65-71 |
| Υ | BOX D ET AL: "Simple Object Access Protocol (SOAP) 1.1" W3C NOTE 8.05.2000, 8 May 2000 (2000-05-08), XP002163943 | 10,22, 33,45, 56,69 |
| Α | the whole document | 1-9, 11-21, 23-32, 34-44, 46-55, 57-68, 70,71 |
| Υ | INTERNATIONAL BUSINESS MACHINES CORPORATION: "XML translation for block structured languages" RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 444, no. 176, April 2001 (2001-04), XP007128074 ISSN: 0374-4353 | 6-9, 18-21, 29-32, 41-44, 52-55, 65-68 |
| Α | | 1-5, 10-17, 22-28, 33-40, 45-51, 56-64, 69-71 |
| A | US 2002/038320 A1 (BROOK JOHN CHARLES) 28 March 2002 (2002-03-28) abstract page 7, paragraph 210 - page 8, paragraph 214 | 1-71 |

INTERNATIONAL SEARCH REPORT

nformation on patent family members

International Application No

| Patent document cited in search report | | Publication | Patent family | | Publication |
|--|----|-------------|----------------|--|--|
| | | date | member(s) | | date ^ÿ ` |
| US 2002038320 | A1 | 28-03-2002 | AU AU JP | 769716 B2 5411301 A 2002099428 A | 05-02-2004 03-01-2002 05-04-2002 |

Form PCT/ISA/210 (patent family annex) (January 2004)